

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| S133 | 1 | 1972-52786T.NRAN. | DERWENT | OR | ON | 2007/01/19 08:53 |
| S132 | 574 | ultrasonic\$4 same seal\$4 same cut\$4 same separat\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S131 | 1 | 1985-178978.NRAN. | DERWENT | OR | ON | 2007/01/19 08:53 |
| S130 | 580 | b65b051/22.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S129 | 27 | "4200481" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S128 | 7 | "5519983" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S127 | 13 | "2695483" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S126 | 15 | (US-20020189206-\$).did. or (US-5418022-\$ or US-4704844-\$ or US-4684025-\$ or US-3750362-\$ or US-3651615-\$ or US-5268179-\$ or US-4094119-\$ or US-5181610-\$ or US-3224915-\$ or US-6581764-\$).did. or (US-3481100-\$ or US-3749620-\$ or US-3454450-\$).did. or (JP-2003267322-\$).did. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2007/01/19 08:53 |

EAST Search History

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|----------|----|---|------------------------------|----|----|------------------|
| S12 5 | 50 | ("2759830" "2830910" "2902371" "3012894" "3185372" "3224574" "3283422" "3286831" "3291377" "3411433" "3836064" "3984592" "4015085" "4267420" "4488642" "4579278" "4697732" "4715500" "4775771" "4784864" "4886179" "4911938" "4938608" "4940867" "5180894" "5217768" "5225287" "5357086" "5399366" "5497913" "5560945" "5571627" "5585027" "5654075" "5857564" "5884763" "5988882" "RE20564").PN. OR ("6581764").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S12 4 | 61 | ("3224915" "3711353" "3823055" "3980516" "4025374" "4268346" "4288965" "4373982").PN. OR ("4517790").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S12 3 | 0 | ("2002/0189206").URPN. | USPAT | OR | ON | 2007/01/19 08:53 |
| S12 2 | 0 | ("2005/0227845").URPN. | USPAT | OR | ON | 2007/01/19 08:53 |
| S12 1 | 4 | ("3454450").URPN. | USPAT | OR | ON | 2007/01/19 08:53 |
| S12 0 | 57 | ("3481100").URPN. | USPAT | OR | ON | 2007/01/19 08:53 |
| S11 9 | 12 | ("3224915").URPN. | USPAT | OR | ON | 2007/01/19 08:53 |
| S11 8 | 43 | ("2898744" "3022814" "3036894" "3146141" "3156352" "3224915" "3306292" "3345988" "3355854"). PN. OR ("3651615").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S11 7 | 5 | ("684181").URPN. | USPAT | OR | ON | 2007/01/19 08:53 |
| S11 6 | 48 | ("0684181" "1107347" "2723936" "2982659" "2996238" "3242029" "3314211" "3374598" "3454450" "3457139" "3471005" "3511746" "3596828" "3749620" "4539793" "4549653" "4572753" "4647325" "4919272").PN. OR ("5181610").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S11 5 | 33 | ("3749620").URPN. | USPAT | OR | ON | 2007/01/19 08:53 |
| S11 4 | 34 | ("3311517" "3673760").PN. OR ("3750362").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S11 3 | 35 | ("3415702" "3815828" "3942634"). PN. OR ("4094119").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |

EAST Search History

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|----------|----|--|------------------------------|----|----|------------------|
| S11 2 | 68 | ("2124959" "3069273" "3196590" "3283469" "3340668" "3363395" "3398500" "3467244" "3469364" "3478488" "3491504" "3492773" "3521422" "3545163" "3673760" "3750362" "3956867" "4058953" "4201030" "4211326" "4275544" "4338765" "4411122" "4424659" "4513015" "4541224" "4541225" "4545177" "4545180" "4548018" "4549386" "4549387" "4550548" "4567713" "4571924").PN. OR ("4684025").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S11 1 | 36 | ("3598122" "3598123" "3731683" "3734097" "3742951" "3797494" "3948254" "3996934" "4264008" "4284444" "4304333" "4460372" "4588580" "4597961" "4666441" "4667665" "4686136" "4725473" "4743249" "4784892" "4823783" "4911707" "4915950" "4917676" "5016652" "5077104").PN. OR ("5268179").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S11 0 | 26 | ("2796033" "2991500" "3039246" "3092940" "3245197" "3354611" "3533215" "3782066").PN. OR ("4704844").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |

EAST Search History

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|----------|-----|---|--|----|----|------------------|
| S10 9 | 109 | ("2145941" "3029751" "3031804" "3044510" "3114643" "3199437" "3407077" "3416398" "3434906" "3505136" "3615712" "3636859" "3819089" "3829007" "3830944" "3873735" "3895118" "3961089" "3971838" "4017237" "4055109" "4097327" "4115489" "4163768" "4216639" "4290521" "4358466" "4361235" "4373982" "4394395" "4421773" "4453370" "4500280" "4514426" "4517790" "4521467" "4534726" "4534818" "4574566" "4601157" "4605123" "4608261" "4616470" "4631901" "4651870" "4652456" "4663915" "4663917" "4685602" "4689942" "4693056" "4735753" "4751916" "4759170" "4759249" "4774797" "4784591" "4787755" "4796300" "4810109" "4849233" "4864802" "4865680" "4879124" "4890439" "4909870" "4923701" "4937410" "4950859" "5044777" "5058364" "5061331" "5067302" "5161350" "5181365" "5202064" "5222813" "5226343" "5228372" "5230761" "5342634" "5366741" "5391387" "5419437" "5435712" "5437215" "5552165" "5645681" "5694745" "5706635" "5827559" "5863585" "5914142" "RE26543").PN. OR ("6574944"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S10 8 | 26 | ("3547257" "4125985" "4306656" "4553669" "4962856").PN. OR ("5418022").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S10 7 | 8 | ("4517790" "4534818" "4767492" "5183523" "5775055" "5976315" "6139479" "6319184").PN. OR ("6786987").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S10 6 | 7 | ("20020068668" "20030057206" "3935810" "5842790" "6251203" "6581764" "6719678").PN. OR ("6913185").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 08:53 |
| S10 5 | 447 | S103 and S104 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |

EAST Search History

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|----------|-------|--|--|----|----|------------------|
| S10 4 | 3139 | (ultrasonic\$5 or sonotrode) near3 (cutting or separating) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S10 3 | 33087 | (ultrasonic\$5 or sonotrode) near3 (welding or sealing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S10 2 | 29521 | (ultrasonic\$5 or sonotrode) near (welding or sealing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S10 1 | 1785 | 156/580.1,580.2,73.1,73.3,73.4.ccls. and (ultrasonic\$5 or sonotrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S10 0 | 230 | S99 and (ultrasonic\$5 or sonotrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S99 | 4611 | 53/450,453,477,479,553-555,559,561, 329.2-329.5.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S98 | 4611 | 53/450,453,477,479,553-555,559,561, 329.2-329.5.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S97 | 1 | 2004-132784.NRAN. | DERWENT | OR | ON | 2007/01/19 08:53 |

EAST Search History

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|-----|----|--|--|----|-----|------------------|
| S96 | 19 | S86 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S95 | 1 | 2004-062277.NRAN. | DERWENT | OR | ON | 2007/01/19 08:53 |
| S94 | 50 | S93 S92 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S93 | 45 | US-6230473-\$.DID. OR US-4831809-\$. DID. OR US-4881357-\$.DID. OR US-4903460-\$.DID. OR US-4905457-\$. DID. OR US-5004356-\$.DID. OR US-5622026-\$.DID. OR US-4498274-\$. DID. OR US-4524559-\$.DID. OR US-4555895-\$.DID. OR US-5177935-\$. DID. OR US-5269119-\$.DID. OR US-5271210-\$.DID. OR US-5400569-\$. DID. OR US-5528881-\$.DID. OR US-5590509-\$.DID. OR US-5595042-\$. DID. OR US-6045919-\$.DID. OR US-6470655-\$.DID. OR US-7076930-\$. DID. OR US-4020608-\$.DID. OR US-4509314-\$.DID. OR US-4611455-\$. DID. OR US-4617782-\$.DID. OR US-4801075-\$.DID. OR US-4875329-\$. DID. OR US-5003755-\$.DID. OR US-5042230-\$.DID. OR US-5215249-\$. DID. OR US-5232148-\$.DID. OR US-5236329-\$.DID. OR US-5305580-\$. DID. OR US-5311920-\$.DID. OR US-5357731-\$.DID. OR US-5427245-\$. DID. OR US-5450975-\$.DID. OR US-5551212-\$.DID. OR US-5560377-\$. DID. OR US-5632831-\$.DID. OR US-5655682-\$.DID. OR US-5662157-\$. DID. OR US-5729957-\$.DID. OR US-5904027-\$.DID. OR US-5216404-\$. DID. OR US-4326574-\$.DID. | USPAT | OR | ON | 2007/01/19 08:53 |
| S92 | 5 | (("20020175090") or ("20040226267") or ("20050217218") or ("20060112665") or ("20060117712")).PN. | US-PGPUB | OR | OFF | 2007/01/19 08:53 |
| S91 | 0 | ("2005/0227845").URPN. | USPAT | OR | ON | 2007/01/19 08:53 |

EAST Search History

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| S90 | 11 | S80 and sonotrode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S89 | 108 | S86 S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S88 | 23 | B29C065/74 .ipc. and sonotrode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S87 | 89 | S80 and ultra\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S86 | 104 | B29C065/74 .ipc. and ultrasonic\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S85 | 0 | ("2006/0117712").URPN. | USPAT | OR | ON | 2007/01/19 08:53 |
| S84 | 24 | S82 S81 S83 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S83 | 1 | CHECHOSWKI-PAMELA\$.in,as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |

EAST Search History

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| S82 | 7 | MERKEN-SCHILLER-RICHARD\$.in,as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S81 | 23 | EBERHARDT-STEFAN\$.in,as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S80 | 544 | MARS-INCORPORATED\$.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S79 | 49 | "53"/453,559,561.ccls. and ultrasonic\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S78 | 2 | S76 and ultrasonic\$4 | USPAT | OR | ON | 2007/01/19 08:53 |
| S77 | 35 | (ultrasonic adj welding) same (ultrasonic adj cutting) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S76 | 4 | ("3651615" "3874143" "5837336" "63 26069").PN. | USPAT | OR | ON | 2007/01/19 08:53 |
| S75 | 88 | 156/580.1,580.2,73.1,73.3,73.4.ccls. and (ultrasonic\$4 with table) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S74 | 0 | ("2002/0189206").URPN. | USPAT | OR | ON | 2007/01/19 08:53 |

EAST Search History

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| S73 | 84 | "53"/450,553-555.ccls. and ultrasonic\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S72 | 1116 | "53"/\$.ccls. and ultrasonic\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S71 | 6 | (S68 S69) and ultrasonic\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |
| S70 | 50 | S68 S69 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 08:53 |

EAST Search History

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| S68 | 45 | US-6230473-\$.DID. OR US-4831809-\$. DID. OR US-4881357-\$.DID. OR US-4903460-\$.DID. OR US-4905457-\$. DID. OR US-5004356-\$.DID. OR US-5622026-\$.DID. OR US-4498274-\$. DID. OR US-4524559-\$.DID. OR US-4555895-\$.DID. OR US-5177935-\$. DID. OR US-5269119-\$.DID. OR US-5271210-\$.DID. OR US-5400569-\$. DID. OR US-5528881-\$.DID. OR US-5590509-\$.DID. OR US-5595042-\$. DID. OR US-6045919-\$.DID. OR US-6470655-\$.DID. OR US-7076930-\$. DID. OR US-4020608-\$.DID. OR US-4509314-\$.DID. OR US-4611455-\$. DID. OR US-4617782-\$.DID. OR US-4801075-\$.DID. OR US-4875329-\$. DID. OR US-5003755-\$.DID. OR US-5042230-\$.DID. OR US-5215249-\$. DID. OR US-5232148-\$.DID. OR US-5236329-\$.DID. OR US-5305580-\$. DID. OR US-5311920-\$.DID. OR US-5357731-\$.DID. OR US-5427245-\$. DID. OR US-5450975-\$.DID. OR US-5551212-\$.DID. OR US-5560377-\$. DID. OR US-5632831-\$.DID. OR US-5655682-\$.DID. OR US-5662157-\$. DID. OR US-5729957-\$.DID. OR US-5904027-\$.DID. OR US-5216404-\$. DID. OR US-4326574-\$.DID. | USPAT | OR | ON | 2007/01/19 08:53 |
| S69 | 5 | (("20020175090") or ("20040226267") or ("20050217218") or ("20060112665") or ("20060117712")).PN. | US-PGPUB | OR | OFF | 2007/01/19 09:19 |

EAST Search History

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|-----|-----|--|------------------------------|----|----|------------------|
| L2 | 106 | ("2647065" "2712159" "2748863" "2924863" "3073304" "3085024" "3307545" "3355974" "3457132" "3459610" "3562041" "3566726" "3575752" "3595453" "3655491" "3660186" "3683736" "3697357" "3718059" "3733238" "3756880" "3756889" "3844869" "3879256" "3927669" "3929135" "3939033" "3949127" "3966519" "4051848" "4081580" "4109353" "4132519" "4149288" "4151240" "4157719" "4272473" "4311540" "4319868" "4324246" "4326909" "4342314" "4400227" "4406720" "4414045" "4426242" "4430148" "4463045" "4500372" "4541426" "4554317" "4560427" "4591523" "4605454" "4657006" "4664662" "4670089" "4686137" "4690722" "4747895" "4758297" "4859519" "4867150" "4935087" "5006394" "5055152" "5061331" "5089075" "5223319" "5223329" "5269981" "5296291" "5336452" "5370764" "5549777" "5560794" "5567376" "5658639" "5665452" "5714107" "5733626" "5733628" "5735984").PN. OR ("5879494").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 11:02 |
| L3 | 16 | ("3574039" "3785910" "4063990" "4279675").PN. OR ("4461662").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/19 11:13 |
| L19 | 0 | ("2006/0117712").URPN. | USPAT | OR | ON | 2007/01/19 11:42 |